Louisiana Technology Innovation Fund

Annual Report to the Legislature

By the Louisiana Technology Innovations Council

March, 1999

Louisiana Technology Innovations Fund

Annual Report to the Legislature

Executive Summary

The Louisiana Technology Innovations Fund (LTIF) was created by Act 481 of the 1997 Regular Session of the Legislature to provide "seed" money for innovative agency projects. The fund was created to be an incentive to accelerate the implementation of electronic government and to encourage state agencies to pursue innovative and creative approaches using technology to provide needed citizens services most cost-effectively and efficiently.

The total amount established for the fund was $10 million dollars with individual agency awards being limited to $1 million dollars for each project.

As of March, 1999 thirty-four projects had been received by the Technology Innovations Fund Council for consideration. Twelve were selected for funding. They are as follows:

· Wildlife and Fisheries --Point of Sale Hunting/Fishing License	$864,681
· LSU Medical Center at NO -- Patient Information (Biometrics) and Tracking (Bar-coding)	$861,850
· Emergency Preparedness -- SkyCell Satellite System	$544,000
· Military Department -- Distance Learning Implementation	$607,000
· Public Safety -- Louisiana On-line Insurance Reporting	$98,888
· Wildlife and Fisheries -- Web Site Multimedia	$67,410
· LSU Baton Rouge -- Prototype High Performance Computing System	$989,383
· LSU Eunice -- Extending the Campus Walls	$176,422
· LSU Medical Center at Shreveport -- Next Generation Internet-based Videoconferencing for Education, Healthcare, and Administration	$765,000
· LSU Baton Rouge/University of New Orleans -- The Preservation of Louisiana's Treasures	$198,078
· University of New Orleans -- Spatial Analysis as a Tool for Enhancing Louisiana's Share of Census Derived Federal Revenues	$449,700
· Health and Hospitals -- Telemedicine Partnership with LSUMC to Deliver Health Care Services to Developmentally Disabled Citizens	$956,982

Total Awarded	$6,579,394
Fund Balance	$3,420,606

Accomplishments

During the past year the Louisiana Technology Innovations Council implemented procedures and processes as required by the legislation to administer the fund. During this period the following tasks were accomplished:

- Council members were designated by the state government entities specified in the enabling legislation. Renea Austin, designee for the Commissioner of Administration was elected Chairperson. Council members are as follows:
  - Renea Austin, Deputy Commissioner, Division of Administration
  - William F. Beyer, Director, Division of Computer Services, LSU Baton Rouge
  - Senator Thomas A. "Tom" Greene, Senate
  - Tom Hagan, Undersecretary, Department of Environmental Quality
  - Butch Speer, Clerk of the House, House of Representatives
- Administrative guidelines for submittal, evaluation, and processing of requests for LTIF funding, including forms and a proposal format, were developed and published by the Council.
- Thirty-four requests for funding were received by the Council and twelve were awarded funding.
- A LTIF Web site was developed and published on the Internet under *Info Louisiana.* The site contains: news and press releases, a list of proposals submitted and Council recommendations, LTIF guidelines and proposal format, Council members, meeting information including minutes, progress reports for funded projects, and enabling legislation.

Project Summaries

The LTIF was established to support innovative and exemplary projects that significantly contribute to the state's technology infrastructure and/or provide creative and concrete solutions for improving citizens' services. The twelve projects funded by the LTIF represent a cross-section of worthy projects. A summary description of each project follows:

* * *

Department of Wildlife and Fisheries -- Point of Sale Hunting and Fishing Licenses. This project will automate the sale of hunting and fishing licenses in Louisiana through the implementing an electronic "Automated Sportsman's Data System (ASDS)", a/k/a "Point of Sale (POS)" system, which will issue licenses at

POS as well as over the telephone and possibly through use of the Internet. The automated ASDS/POS system will be an on-line system operating on a 24 hour per day, 7 days a week (24x7) basis. The ASDS/POS system will:

- Validate (application acceptance or denial without clerical discretion),
- Capture license buyer and sales data at POS,
- Update the LDWF data base,
- Assign an identification number to the license,
- Print a durable license at the POS,
- Allow the license buyer to apply for limited quota special license drawings at the POS, and
- Utilize cash concentration, electronic fund transfers (EFT) and Automated Clearing House (ACH) systems to transfer revenue on a timely basis.

The system will also be able to issue bulletins to POS terminals, conduct surveys (e.g. federal harvest information program migratory bird survey) and to make, issue, transmit and store all necessary reports and be designed to provide for credit card purchases of such licenses over the telephone and internet.

In addition to locations at license retail vendors statewide, POS terminals will be located at certain parish sheriff's offices and LDWF regional offices (for non-cash transactions only) for an estimated total of 1,500 locations.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$864,681	$1,452,490	$1,344,710

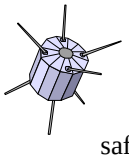
Military Department -- Distance Learning Implementation. This project will provide reasonable access to distance learning facilities for all soldiers in the Louisiana Army National Guard (LA ARNG) and the communities served. This will be accomplished by:

- Utilization of the state university distance learning system on weekends for large group requirements.
- Construction of two Dual Multi-Media Classrooms at Jackson Barracks and Camp Beauregard/Camp Ball.
- Construction of One Multi-Media Classroom in Lafayette.
- Deployment of Medium Trainer Classrooms at each Battalion headquarters.
- Deployment of Single Trainer Classrooms at each Company/Detachment location.

The Adjutant General envisions a mature Louisiana National Guard Distance Learning Network consisting of a series of Distributive Training Technology (DTT) sites. These sites would be both owned and shared, interconnected with the National Guard Bureau (NGB) and its regional hubs, which would assure access within one hour's travel (approximately 50 miles) of every soldier, military unit, and facility. This objective will be accomplished

through the implementation of dual-use technology, enhanced force readiness, and C4I (Command, Control, Communications, Computers, and Intelligence) capabilities throughout the state.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$607,000	$3,715,490 (includes federal funds)	$4,176,710



Emergency Preparedness -- SkyCell Satellite Terminal. This project will enhance the capabilities of the Operations/Communications Office of Emergency Preparedness (OEP) to provide, maintain, and support a 24 hour alert and notification system for the state of Louisiana. The system will provide fail-safe communications between the OEP, parish Emergency Operation Centers (EOC), and other state and governmental agencies through the use of SkyCell Satellite Terminals.

Specifically, the SkyCell satellite communications system will:

- Deliver voice, data transfer, fax, multi-point broadcast alerting, and access to Emergency Preparedness.
- Allow real time video imaging relay to Emergency Preparedness operations.
- Provide 12 field transportable terminals to communicate with other field terminals or fixed site base stations.
- Allow Emergency Preparedness to communicate with emerging technology in use at federal agencies and commercial companies.
- Provide portable units with external antenna for indoor use for each of the 64 parishes.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$544,000	$544,000	---

LSU Medical Center -- Patient Identification (Biometrics) and Tracking (Bar-coding). This project will implement a biometric identification system for patient identification and workstation security, as well as a barcode inpatient tracking system. Patients will be enrolled using a special digital scan of their fingertip that will be stored in a Patient database. Patients' identities will be verified using this system, which eliminates problems of similar or same names, unknown identity (unconscious, altered mental status), and false identity use. This identification system will give clinicians the ability to immediately access the correct patient's medical information such as allergies and past medical history from our Clinical Data Repository.

This same biometric technology will also be used to restrict access to electronic health information. All providers in the Public Hospital System will use a biometric reader as the password system for logging on to a workstation.

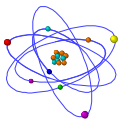
The LSU Medical Center will also implement an inpatient patient tracking and data collection system using barcode technology. Patient bracelets will have barcodes placed on them, which will allow for quick scans to denote patient departure and arrival and different areas of the

hospital, thus improving census and bed status information. Barcode scanners will also be programmed to enter vital signs, thus allowing for an inexpensive, portable, and proven solution to capturing clinical information. This information will then be entered into the patient's electronic database in a seamless manner.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$861,850	$961,850	$1,288,150

Department of Public Safety -- Louisiana On-Line Insurance Reporting. The On-Line Insurance Reporting project makes available a method for electronic reporting of insurance cancellation and new business by insurance companies doing business in Louisiana. The system is designed to support data interchange by: AAMVANet, dedicated leased circuits, third party interface, and secure Internet server. Presently, insurance companies provide most of the reporting by magnetic tape or on paper.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$98,888	$98,888	---



LSU Baton Rouge -- Prototype High-Performance Computing System for the State of Louisiana. This project will establish a prototype high-performance computing system in support of numeric and/or data-intensive research, educational, and governmental applications within the state of Louisiana. The request is specifically for the hardware resources necessary to provide a production 12-node parallel processing complex capable of delivering a peak performance of 0.6 teraflops (trillion floating point operations per second) of computing power dedicated to solving complicated problems. The initial pilot will provide computing resources for LSU and Louisiana Tech. Upon successful completion of the pilot effort the system will be opened to other users within higher education and state government.

The project will integrate the super-computing component into the existing computing infrastructure and will utilize standard OTM LaNet connectivity with planned expansion to Asynchronous Transfer Mode networking technology.

As a result of the project, the state and the academic communities will be able to accomplish advanced research projects using computing facilities that presently do not exist within Louisiana, adding much prestige and benefit to LSU and to those research projects that use it.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$989,383	$1,369,383	---

Department of Wildlife and Fisheries -- Web Site Multi-Media. This project will use Web-based technology and the Internet to provide an interactive medium for the dissemination of wildlife education topics and information to users in Louisiana and other states. Streamed audio and video will deliver information to the public in

the form of video news releases, radio show rebroadcasts, interviews, video tours and species profile videos. This service will greatly enhance the current system of information dissemination, which involves static, non-interactive web pages, printed media and a weekly radio show. Use of the Internet in this way has been demonstrated to dramatically increase audience figures while also cutting mailing costs.

This project will also provide an Internet chat-room that will be available to grade school students from their classrooms. This chat-room will host live discussions on topics such as wildlife conservation and species identification with biologists on hand to answer questions. In addition, the audio and video streams will include materials suitable for use in the classroom.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$67,410	$67,410	---

LSU Eunice -- Extending the Campus Walls. The goal of the project is to create a single integrated on-line environment that will provide the student with anytime-anywhere access to the following services:

- Web based access to student data and services.
- Complete access to on-line library resources
- The ability to communicate with all campus offices through the use advanced messaging technologies including voice, email, and group conferencing initiatives.
- The ability to access degree audit and advising information on-line through these same intuitive interfaces in an effort to increase student satisfaction in this area.

Access to these services will be made available via a combination of custom designed Kiosks as well as Internet ready workstations. The true innovation of this proposal is the integration of these services under a single, secure, user-friendly interface while exploiting the capabilities and availability of current campus technologies.

These on-line services will allow prospective students to perform tasks from researching available programs to applying for admissions and continue on through the financial aid process and actually registering for classes. This program will truly be extending the University to the student. LSUE seeks to provide a level of service to its area citizens that has not yet been experienced in this state and possibly only in a very few locations throughout the country.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$176,422	$199,072	$360,000 (increase in revenue)

LSU Medical Center at Shreveport -- Next Generation-based Internet Videoconferencing for Education, Healthcare, and Administration. This project will build a test bed for Next Generation Internet-based (NGI) videoconferencing and collaborative technologies. It involves a partnership with

the Office of Telecommunications Management, the LSU Agriculture Center, and the Board of Regents also participating.

The test-bed will be used to provide a working model and blueprint for higher education, medical facilities, and state government agencies so that newer, high quality videoconferencing technology can be implemented "on-the-desktop", quicker and at significantly less cost. Present business-quality videoconferencing systems are based on H320 protocol and require the use of costly dedicated telecommunications lines and expensive equipment. This project will pioneer the use of H323 protocols and Next Generation Internet to provide even better quality videoconferencing, than that currently available over dedicated lines, directly to desktop PCs via the Internet. It will also provide a seamless gateway to bridge videoconferencing facilities using existing H320-based protocol with those that will use the newer technology.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$765,000	$765,000	---

LSU Baton Rouge/University of New Orleans Ogden Museum of Southern Art-- The Preservation of Louisiana's Treasures. This project will acquire and use the newest equipment and software in online audio/video streaming, electronic commerce, and digital imaging to create a digital library of the Ogden Museum of Southern Art's visual art collection. The digital library will be made available to the public through the Internet. The art works include over 1,466 oil paintings, drawings, watercolors, pastels, black-and-white and color photographs, ceramics, and sculptures either by southern artists or on southern themes. The project builds on the Library of Congress' *American Memories Project* and the U.S. Department of Interior's *Save American Treasurers.* The digital library will dramatically extend the reach of the museum and will encourage new scholarship on southern visual art. These valuable cultural and historical materials will be available to art teachers, students, scholars, collectors, donors, and students of southern culture worldwide. Upon completion of this project the equipment and technology will be available to assist in digitizing other art treasurers.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$198,078	$198,078	---

University of New Orleans -- Spatial Analysis as a Tool for Enhancing Louisiana's Share of Census Derived Federal Revenues. This project involves the use of GIS tools and geo-spatial analysis skills to integrate U.S. Census TIGER data with one-meter satellite imagery to identify and recover several thousand potentially "missed" Louisiana residents from the upcoming 2000 Census. Because many federal revenues are distributed through revenue sharing programs based on census data, any increase in the state's census population that could be sustained both legally and technically could have a positive impact on Louisiana's revenues. In a recent study, the U.S. Government Accounting Office estimated that Louisiana had lost an opportunity to collect an additional $100 million in federal funding during this decade because of missed revenues resulting from a lower than possible Census count. This project intends to develop a methodology for census population tracking and analysis that will enable state and local entities to petition for adjustments to Census errors based on physical proof of errors that are expected during the

Year 2000 census counting. Geo-referenced images of population areas where there are anomalies between satellite-observed population patterns and the Census' files will be created and distributed in digital form through the Internet.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$449,700	$859,924	$3,500,000 (increase in revenue)

Health and Hospitals -- Telemedicine Partnership with LSUMC to Deliver Health Care Services to Developmentally Disabled Citizens. The Department of Health and Hospitals (DHH) in partnership with the LSU Medical Center is undertaking a project to provide essential medical services to developmentally disabled citizens through the use of telemedicine facilities. DHH is responsible for providing residential health care, therapy, and habilitation for about 1,900 residents with severe and chronic disabilities attributable to mental retardation, cerebral palsy, epilepsy, autism, or closely related conditions in the state's nine development centers. Presently, the delivery of medical services is especially complex and expensive because of the multitude of specialty services needed, the difficulty in transporting disabled patients, and the multiple rural locations involved. Transporting residents to medical specialists inflates costs, depletes staff, and may degrade diagnosis and treatment.

This project will provide telemedicine facilities connecting the LSU Medical Center to the nine development centers. Telemedicine is the practice over remote distances of healthcare delivery, diagnosis, consultation, treatment, transfer of medical data, and education using interactive audio, visual, and data communications. The system offers real-time, full-motion and color, multi-point interactivity, and diagnostic quality telemedicine capabilities linking medical service providers to disabled patients at development centers located at: Columbia, Hammond, Leesville, Belle Chases, Bossier City, Pineville, Thibodaux, Ruston, and Iota. In addition to providing medical services in many specialty areas, the LSU Medical Center, through its telecommunications gateway, can also establish contact with renowned resources elsewhere around the country and the world.

Amount Awarded	Total Project Cost	Est. 3-Year Savings
$956,982	$956,982	---

Project Progress Reports

The LTIF guidelines stipulate that each award recipient provide progress reports indicating the status of the project, accomplishments by milestone, and expenditure of funds. The progress reports for each of the funded projects is attached as Appendix I.

APPENDIX I

PROJECT PROGRESS REPORTS

LOUISIANA TECHNOLOGY INNOVATIONS FUND - PROGRESS REPORT

March 1st, 1999

I DEPARTMENT/AGENCY: Department of Wildlife and Fisheries

II PROJECT TITLE:
Department of Wildlife and Fisheries "Automated Sportsman's Data System (ASDS)," a/k/a "Point of Sales (POS)"

III PROJECT LEADER:
J.H. Jenkins, Jr., Secretary
Craig Lamendola, Confidential Assistant
P.O. Box 98000, Baton Rouge LA 70898-9000
Phone (225) 765-2941
Fax: (225) 765-2607
e-mail lamendola_ca@wlf.state.la.us

IV DESCRIPTION OF THE PROJECT:

LDWF is responsible for the distribution, sale and revenue collection in regards to hunting and fishing related privileges in Louisiana. LDWF desires to automate its license issuance system by implementing an electronic "Automated Sportsman's Data System (ASDS)", a/k/a "Point of Sale (POS)" system, which will issue licenses at POS as well as over the telephone and possibly through use of the internet. The automated ASDS/POS system will be an on-line system operating on a 24 hour per day, 7 days a week (24x7) basis. The ASDS/POS system will:

- *Validate (application acceptance or denial without clerical discretion)*
- *Capture license buyer and sales data at POS,*
- *Update the LDWF data base,*
- *Assign an identification number to the license*
- *Print a durable license at the POS*
- *Allow the license buyer to apply for limited quota special license drawings at the POS*
- *Utilize cash concentration, electronic fund transfers (EFT) and Automated Clearing House (ACH) systems to transfer revenue on a timely basis.*

The system must be able to issue bulletins to POS terminals, conduct surveys (e.g. federal harvest information program migratory bird survey) and to make, issue, transmit and store all necessary reports and be designed to provide for credit card purchases of such licenses over the telephone and internet.
In addition to locations at license retail vendors statewide, POS terminals may be located at certain parish sheriff's offices and LDWF regional offices (for non-cash transactions only) for an estimated total of 1500 locations.

V PROJECT STATUS

A. The project is now poised for completion within nine months. As set forth in more detail below, the contractor has committed to a fast schedule for system design and implementation.Throughout the past six months, efforts have been made to add to this system innovative features that have never been incuded in any other POS system. Many of these ideas will be attractive to the license buyer, such as federal and state duck stamps and an abbreviated Harvest Information program questionnaire. The use of ACH technology to compensate the contractor will reduce the transaction cost to LDWF when implemented.

B. Accomplishments to date have been

(1) Prepared and filed Request for Proposal ("RFP").
(2) Held the proposor's conference.
(3) Received proposals.
(4) Evaluated the proposals.
(5) Chose the contractor.
(6) Held first meeting with contractor.
(7) Negotiated and signed the contract.
(8) Issued a Purchase Order.
(9) Scheduled the system design phase.
(10) Searched for and found all active license agents, a total of 1,598.
(11) Prepared and issued a press release.
(12) Prepared and mailed instructional and informational materials, applications and contracts for agents.
(13) Prepared a "Frequently Asked Questions" fact sheet to help agents.
(14) Began receiving and processing applications from agents.

C. The main problem encountered thus far has been procedural delays. For example, the original timetable called for signing the contract on May 21 st, 1998.In spite of diligent effort, the contract was not actually signed until January 11th, 1999. This milestone was achieved 235 days after the date on the original timetable. This delay notwithstanding the schedule still calls for full implementation to be completed in under nine months. Another problem was the unexpected denial by state property control of an exemption from the "over $250 rule" for tagging of the Verifone terminals, which cost $268. This required unanticipated planning to determine how best to tag these units.

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D. The schedule of remaining events as listed in the contract is as follows:

March 22-29, 1999: System design meeting.
April 15th: System design completion and acceptance.
July 15th: Commencement of Pilot Program at selected locations.
September 1st: Commencement of full statewide implementation.
October 31st: Completion of full statewide implementation.

VI COST VS. BUDGET

	Category	Budgeted	Actual	Projected Surplus
A.	Equipment	$786,990	$ none	none as yet
B.	Software	$ none	$ none	not applicable
C.	Telecommunications	$ none	$ none	not applicable
D.	Professional/ Contract Services	$ none	$ none	not applicable
E.	Other Costs	$ 77,681	$ none	none as yet
	Total Project Cost	**$864,671**	**$ none**	**$ none as yet**

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

No expenses or financial obligations were incurred during this reporting period.

ATTACHMENT II

LOUISIANA TECHNOLOGY INNOVATIONS FUND
MILITARY DEPARTMENT, DISTANCE LEARNING IMPLEMENTATION PLAN
PROGRESS REPORT

[February 26, 1999]

I. DEPARTMENT/AGENCY: Military Department/Louisiana Army National Guard.

II. PROJECT TITLE: Distance Learning Implementation Plan (DLIP)

III. PROJECT LEADER:
Colonel Glenn Appe, Director of Information Management, Building 35, Jackson Barracks, New Orleans, LA 70146-330. Phone: (504) 278-8300; Fax: (504) 278-8277; E-mail Address: AppeG@la-arng.ngb.army.mil; Web-Site: http://55.23.254.245/DIM.

IV. DESCRIPTION OF THE PROJECT:
Provide reasonable access to distance learning facilities for all soldiers in the Louisiana Army National Guard (LA ARNG) and the communities we serve. The Adjutant General envisions a mature Louisiana National Guard Distance Learning Network consisting of a series of Distributive Training Technology (DTT) sites. These sites would be both owned and shared, interconnected with the National Guard Bureau (NGB) and its regional hubs, which would assure access within one hour's travel (approximately 50 miles) of every soldier, military unit, and facility. This objective will be accomplished through the implementation of dual-use technology, enhanced force readiness, and C4I (Command, Control, Communications, Computers, and Intelligence) capabilities throughout the state.

V. PROJECT STATUS:

A. Brief Summary.
The Louisiana National Guard Distance Learning Project is using an innovative approach to consolidating telecommunications resources for solving problems, delivering services, and generating revenues through the concept of shared usage of information technology infrastructure. The project has now progressed well into the 2nd phase of its 3-phase implementation plan (see sub-paragraph D, later this section).

Equipment and telecommunications circuits have been ordered and classroom deployment is planned to follow the Reserve Component Automated System fielding schedule. We anticipate receipt of equipment in February 1999 with installation occurring in March 1999.

B. Accomplishments.

1. Established a NET 120 server providing Internet audio-graphic delivery capability at 50+ armory locations throughout the state.
2. Presently conducting the purchase and deployment of equipment, supporting telecom circuits and services to establish and / or expand 15 compressed video and multimedia audio-graphic classrooms.
3. Shared usage partnerships with 10 separate university, corporate and government agencies have been initiated.
4. Expansion of our digital PBX system to comply with Y2K mandates.

5. Established a full-time Distance Learning Project Team consisting of 3 state employed Site Managers, a Technical Assistant, and a federally employed Administrative Assistant (not funded by IT Project).

C. Problems Encountered/Action Taken or Planned.

Pitfalls revolve around the issues of resource allocation, time management, and the inherent and peripheral implications, thereof.

1. Resource management. Concurrent LA ARNG initiatives and projects have challenged both human and financial capital while executing the Distance Learning Implementation Plan. Likewise, the LA ARNG has been inundated since August 1998, with simultaneous operations involving Emergency Operations relating to Hurricane George in Louisiana; Hurricane Mitch in Honduras relating to the Humanitarian Relief Efforts and succeeding Airlift Operations; subsequent personnel deployments to Honduras, which will continue through August 1999; and start-up and logistical issues involving the transition of the formerly Hansen Disease Center at Carville to the Carville Academy which will deliver educational opportunities to High School drop-outs.
2. Time Management.
   a) Grant application process: grant award, budget approval, and equipment purchase order, to receipt of items.
   b) Federal/State contracting implementation.
   c) Modification of Master Federal Cooperative Agreement appendix to allow interface of state/federal contract execution.

D. Major Milestones – **Original/Current.**

NOTE: This data was converted to text from an previously submitted MS Project application.

ID	Task Name	Percent Complete	Duration	Start	Finish
1	**Phase 1**	**75%**	**279 days**	**8-Dec-97**	**31-Mar-99**
2	BoR Meeting	100%	0 days	8-Dec-97	8-Dec-97
3	UoP Briefing	100%	1 day	15-Dec-97	15-Dec-97
4	NGB Business Brief	100%	0 days	8-Jan-98	8-Jan-98
5	Prep Business Plan	100%	42 days	23-Jan-98	23-Mar-98
6	Cooperative Agreement	100%	15 days	15-Jan-98	4-Feb-98
7	JB DMMC Project	85%	325 days	2-Feb-98	30-Apr-99
8	Install JB DMMC	0%	43 days	3-May-99	30-Jun-99
9	Appoint Advisory Board	100%	21 days	23-Feb-98	23-Mar-98
10	Provide Access to LSU	0%	197 days	23-Mar-98	22-Dec-98
11	Pilot Military DL Tng	60%	333 days	23-Mar-98	30-Jun-99
12	Install STC's (Shrevport, Ruston, & Cmp Ball)	100%	56 days	16-Jun-98	1-Sep-98
13	Upgrade Ruston to MTC	75%	245 days	23-Jul-98	30-Jun-99
14	Install Plaquemines MTC	75%	43 days	1-Jul-98	30-Jun-99
15	Install Cp Ball MMC	75%	43 days	1-Jul-98	31-May-99
16	Install JANUS Suites	100%	147 days	23-Jul-98	12-Feb-99
17	Initial Marketing	100%	147 days	2-Jun-98	23-Dec-98
18	Hire FTM	100%	152 days	3-Mar-98	30-Sep-98
19	Train FTM	100%	44 days	1-Oct-98	1-Dec-98
20	Site Certification	10%	215 days	1-Jul-99	26-Apr-00
21	**PHASE 2**	**45%**	**483 days**	**23-Feb-98**	**29-Dec-99**
22	Secure Funding	80%	158 days	23-Feb-98	30-Sep-98
23	Hire Part Time Personnel (VA Work Study)	10%	241 days	23-Jul-98	30-Jul-99
24	Upgrade STC's to MTC/MTC.M1	75%	152 days	1-Oct-98	30-Apr-99
25	Upgrade Shreveport JANUS to MTC	75%	130 days	2-Nov-98	30-Apr-99
26	Upgrade Lake Charles JANUS to MTC	75%	130 days	2-Nov-98	30-Apr-99
27	Upgrade Abbeville JANUS to MTC	75%	109 days	1-Dec-98	30-Apr-99
28	Upgrade Lafayette JANUS to MTC	75%	85 days	4-Jan-99	30-Apr-99
29	NOLA LATA - Install Bogalusa MTC.M1	80%	90 days	2-Nov-98	5-Mar-99
30	NOLA LATA -Install AASF#1 MTC.M1	0%	305 days	2-Nov-98	31-Dec-99
31	BR LATA -Install Baton Rouge MTC.M1	60%	130 days	2-Nov-98	30-Apr-99
32	BR LATA -Install Carville MTC.M1	60%	195 days	2-Nov-98	30-Jul-99
33	SHRVPRT LATA -Install Bossier City MTC.M1	65%	151 days	2-Dec-98	30-Jun-99
34	SHRVPRT LATA - Install Monroe MTC.M1	50%	129 days	1-Dec-98	28-May-99
35	SHRVPRT LATA - Upgrade Cmp Beauregard to MTC.M1	75%	173 days	2-Nov-98	30-Jun-99
36	Site Certification	0%	108 days	14-Jan-00	13-Jun-00
37	**Phase 3**	**25%**	**522 days**	**1-Oct-98**	**29-Sep-00**
38	Reposition Older Hardware	25%	172 days	1-Oct-98	28-May-99
39	Secure Funding	0%	110 days	23-Jul-99	23-Dec-99
40	Install T.120 Server	100%	23 days	24-Dec-99	25-Jan-00
41	Enhance STC M.1 Capability	0%	190 days	3-Jan-00	23-Sep-00
42	Site Certification	0%	59 days	3-Oct-00	22-Dec-00
43	Ongoing Marketing	25%	500 days	25-Jan-99	22-Dec-00

VI COST VS. BUDGET:

	Category	Budgeted	Actual	Surplus
A.	Equipment	$225,000	$ 54,899	$170,101
B.	Software			
C.	Telecommunications	296,300	1,962	294,338
D.	Professional/Contract Services			
E.	Other Costs	85,700	630	85,070
	Total Project Cost	**$607,000**	**$ 57,491**	**$549,509**

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD:

EXPENDITURES.

DESCRIPTION	PO/CONTRACT	QTY REC	UNIT PRICE	TOTAL COST
Equipment				
LP 725 Proj – Infocus	993185948	8	5,290	$42,320
400 Mhz Server	993183571	1	5,499	5,499
300Mhz PII WS	993183573	4	1,095	1,095
HP 630 OfficeJet	993187563	9	398	3,582
Total Equipment				**$52,496**
Software				
NET 120 Software	993218508	1	4,995	$4,995
Total Software				**$4,995**
Total IT Expenditures				**$57,491**

VII. ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD:

OBLIGATIONS.

CATEGORY		**FY 1999**	**FY 2000**	**TOTAL COST**
Equipment		177,000	48,000	**$225,000**
Telecommunications		170,300	126,000	296,300
Other Costs		58,000	27,700	85,700
Total IT Funds Cost				**$607,000**

ATTACHMENT II

LOUISIANA TECHNOLOGY INNOVATIONS FUND
MILITARY DEPARTMENT, SKYCELL SATELLITE TERMINAL
PROGRESS REPORT

[February 26, 1999]

I. DEPARTMENT/AGENCY:

Military Department/Office of Emergency Preparedness.

II. PROJECT TITLE:

Skycell Satellite Terminal.

III. PROJECT LEADER:

COL Michael L. Brown, Assistant Director, Office of Emergency Preparedness.

Mr. Matt Farlow, Chief, Operations Division, Louisiana Office of Emergency Preparedness (LOEP), 625 North 4th Street, P. O. Box 44217, Baton Rouge, LA 70804-4217. Phone: (225) 342-5470; Fax: (225) 342-5471; E-mail Address: **mfarlow@hotmail.com**; Web-Site: http://199.188.3.91.

IV. DESCRIPTION OF THE PROJECT:

The mission of the Operations/Communications Division is to provide, maintain, and support a 24 hour alert and notification system which will provide fail-safe communications between the LOEP, parish Emergency Operation Centers (EOC), and other state and governmental agencies.

The need therefore, is for a fully integrated communication system for the transmission of voice, data, facsimile, and imaging operability to enhance the communication capability between the LOEP and all parishes Emergency Operation Center (EOC), state and other agencies.

The Skycell Satellite Terminal system will be a stand alone, yet portable tertiary communications platform, which will provide coverage approaching 100 % for operational units within Louisiana. The system will provide satellite terminal to satellite terminal voice, data, fax, broadcast, and video capabilities. The system is provided by American Mobile Satellite and is known as the “Skycell Satellite Terminal”.

V. PROJECT STATUS:

A. Brief Summary.

Shortly after initial project award notification, we continued a very active Hurricane Season, with state and local Disaster Assistance being provided in the wake of Hurricane Georges aftermath.

Office of State Purchasing (OSP) issued Solicitation for Bids, Number 2094806 that will be publicly opened on March 1, 1999.

B. Accomplishments.

1. Finally, due to a number of bid processing issues, invitation for bids was issued on February 3, 1999.
2. Coordinated through manufacturer representative for revised or superceded product numbers and submitted to OSP, February 1999.

C. Problems Encountered/Action Taken or Planned.

1. Initiated bid solicitation procedures in July 1998 in event of project funding.
2. August 1998 received notification of Project Award by Information Technology Council.
3. August 1998, Office of State Purchasing, issued Solicitation for Bid, Number 2081353.
4. August 1998, Solicitation Number 2081353, cancelled to allow the additional items and services be included. Rebid as an agency term contract with revised specifications, requirements, terms, and conditions.
5. Changes in specifications issued and submitted for rebid in November 1998.
6. Addendum to be issued of rebid solicitation dated February 3, 1999. Supplier notified OSP of obsolescent product numbers.

D. Major Milestones.

Implementation Plan:

Month	**Action**
Aug 98	Funding approval.
Aug 98	Issue Request for Proposal.
Nov 98	Reissued agency term contract, new specifications.
Feb 99	Bid for Solicitations, issued OSP.
Mar 99	Bids opened and contract awarded.

VI COST VS. BUDGET:

	Category	**Budgeted**	**Actual**	**Surplus**
A.	Equipment	$544,000		$544,000
B.	Software			
C.	Telecommunications			
D.	Professional/Contract Services			
E.	Other Costs			
	Total Project Cost	**$544,000**		**$544,000**

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD:

Contract to be awarded in March 1999.

LOUISIANA TECHNOLOGY INNOVATIONS FUND - PROGRESS REPORT

[March 1, 1999]

I DEPARTMENT/AGENCY **LSU Medical Center**

II PROJECT TITLE

LOUISIANA PATIENT IDENTIFICATION (BIOMETRICS) AND TRACKING (BARCODING) PROJECT

III PROJECT LEADER

Richard Ferrans, M.D.
Chief of Medical Informatics and Telemedicine
Department of Public Health
LSU Medical Center
2021 Perdido Street
New Orleans, LA 70112
504-588-3507
504-588-3938
rferra1@lsumc.edu

IV DESCRIPTION OF THE PROJECT

The LSU Medical Center is committed to improving the provision of healthcare services to all Louisianans. Technology enhancements and innovations are at the center of LSU Medical Center's strategic plan to fundamentally reform the Public Hospital System. A next generation clinical information system will be rolled out in the coming 2 years that will provide crucial medical information to the point of care, as well aggregate data for medical research, outcomes measurement, and continuous quality improvement. This computer-based system of medical records will also interface with our administrative systems, which currently perform eligibility checking, billing, and other functions. Our goal is system integration, which in turn makes business re-engineering possible. In order for this approach to succeed, it must have accurate data input and airtight security. Health data is centered around individual patients; we must, therefore, authenticate their identities. The ability to authenticate patient identities will also increase our ability to verify eligibility status for services. As we place clinical information online, it is also imperative that we provide a logical security solution that will protect information at the workstation level.

Proposal

The LSU Medical Center has been awarded an 862,000 grant from the Louisiana Technology Innovations Fund to implement a biometric identification system for patient identification and workstation security, as well as a barcode inpatient tracking system. Patients will be enrolled using a special digital scan of the fingertip that will immediately converted to a twelve digit number; that number will be entered into our Master Patient Index. Patients' identities will be verified in the future using this system, which eliminates problems of similar or same names, unknown identity (unconscious, altered mental status), and false identity use. This identification system will give clinicians the ability to immediately access the correct patient's medical information such as allergies and past medical history from our Clinical Data Repository. In addition, we will then search online databases for Medicaid, Medicare, and private insurance eligibility, thereby generating 1.5 million dollars annually for every percent of patients that our system currently misidentified as "free care". *

The LSU Medical Center will utilize this same biometric technology to restrict access to electronic health information. All providers in the Public Hospital System will use a biometric reader as the password system for logging on to a workstation. This system prevents theft or "lending" of passwords; each individual doctor or nurse must logon using his or her personal identifiable characteristic (fingertip scan). **This project will significantly enhance the privacy of our patients**

The LSU Medical Center will also implement an inpatient p atient tracking and data collection system using barcode technology. Patient bracelets will have barcodes placed on them, which will allow for quick scans to denote patient departure and arrival and different areas of the hospital, thus improving census and bed status information. Barcode scanners will also be programmed to enter vital signs, thus allowing for an inexpensive, portable, and proven solution to capturing clinical information. This information can then be entered into the patient's electronic database in a seamless manner.

V PROJECT STATUS

A. Brief Summary

The Biometric Identification Project is an ambitious project to better identify patients as well as improve security of medical records. Planning for this project has a number of interdependencies that will affect its success. The first task was to list the functional and technical requirements for biometric identification. Below is a brief list the most important requirements.

Functional:

- Hardware and software must accomplish multiple means of biometric identification: fingerprint, voice, face, etc. For example, face can be used for patients with hand deformities, and for workstation security in gloved areas such as the lab.
- First acquisition (Enrollment) time must less than one minute: logon or verification time must be only a few seconds.
- Must be easy to use for patients and personnel.

Technical

- Must work in thin client architecture
- Must work in internet browser
- Must work in Windows NT
- Must integrate with NT Security
- Must integrate with new registration process

After a search of existing products, we discovered that although there were many companies offering biometric security, not one was able to offer a solution that worked within an NT based thin client architecture. This is critical since the HCSD will roll out over 1500 of these network computers this year. Because of the importance of this project, the bid process for the bulk of the thin clients was delayed until a solution could be achieved.

For the past four months, LSUMC Computer Services and the Section of Medical Informatics have worked with a vendor (Integrated Visions, Inc.) to develop a solution. Bart Ponze, Director of Enterprise Services led the effort to describe a high level technical approach to a thin client version of the system. After numerous teleconferences, phone call, and face to face meetings, Integrated Visions and NCD Corporation developed the first thin client solution for biometrics. This was announced at the Health Information Management and Systems Society Meeting (HIMSS) one week ago. The two vendors will meet in New Orleans with our staff to begin discussions of state contracting issues.

LSUMC Informatics has worked with Integrated Visions to explain the functional requirements of the user interface for patient registration, verification, and workstation security. Integrated Visions will provide all of these interfaces to us with their existing product, thus eliminating developer time needed.

Once identity has been established biometrically, eligibility will be the next step in the registration process. LSUMC has been working to incorporate the DHH Medicaid eligibility database searching into our existing IT infrastructure. This will be available within 60 days; other databases will be available in time for incorporation with the biometric security rollout.

Planning efforts now turn to the rollout of biometric identification and security. The pilot project will be at the Medical Center of Louisiana at New Orleans. Dr. Ferrans traveled to Atlanta in February to meet with the Chief Information Officer of the Mayo Clinic in Jacksonville, FL, and the CIO of Mayo Hospital in Scottsdale Arizona who are using biometric/ single logon to discuss implementation issues. Dr. Robert Marier and Dr. Ferrans were given a demonstration of the new thin client solution in Atlanta, as well as new features for identification. Our current plans for a pilot are dependent upon thin clients being installed, which will begin at the end of the second quarter (calendar) of 1999. Biometric devices will be installed at the same time: at the request of Dr. Marier, the HCSD will purchase keyboards with embedded biometric devices. So as to minimize theft of computer peripherals. Face recognition will be installed in the lab settings, since the new lab system will go into production August 1999. Following this, we will have thin clients biometrically enabled from the hardware standpoint for fingerprint recognition: we will enroll our clinicians first at MCLNO, then "turn on" biometrics in the Fall of 1999. Small pilots are less necessary, given the success of the Mayo Clinic. We would then expand workstation biometrics in early 2000 across the other hospitals.

Patient identification by biometrics will be the second stage of rollout, immediately following the rollout of workstation security. The reason for this being the second, rather than the first phase of the project is twofold. First, the HCSD has decided to abandon the SMS Patient Registration Module in favor of developing a new, open architecture registration package that will feed our Computer Based Patient Record System. Biometrics will be incorporated in as a component of that process, and it will not be available until December, 1999. The workflow improvements of this system will completely offset any delays introduced by biometric registration. Second, we wish to tell our patients that doctors are already using this same type of identification process, in order to better "market" the service as enhancing patient information privacy and confidentiality. This part of the project will be a critical component in the overall registration process redesign.

Since registration is being redesigned, we will also introduce the patient tracking at the time of rolling out the new registration system. Greg Speyer, Chief of Information Systems for the HCSD, has been working with a vendor Versus Technology on a patient tracking system that is wireless, allowing for real-time location of any patient in the hospital. These wireless locator devices come in disposable and non-disposable forms, and will be stamped with a barcode. The vendor will be demonstrating this to Dr. Marier and to David Troendle, Assistant Vice Chancellor for Information Technology within 2 weeks in New Orleans. The barcodes remain critical because the handheld barcode readers will allow rapid input of vital signs and other patient data.

B. Accomplishments

- Development of a thin client solution for biometrics
- Identification of vendors to be considered
- Meeting with reference site leaders
- Plan for rollout developed

C. Problems Encountered/Action Taken or Planned

- NO thin client solution/ vendor developed solution for LSUMC
- Delay in thin client implementation/ Delay in biometric rollout
- Problems integrating with proprietary patient registration system/ begin to develop new improved registration system
-

D. Major Milestones (Original vs. Current Estimate)

Biometric Project Planning	**2 weeks**	**6 months**
Biometric Equipment Acquisition	**4 months**	**2 months**
Biometric System Development	**6 months**	**2 months**
Biometric Implementation	**3 months**	**3.5 months**

Any delays will be due to delay in thin client rollout; this is the chief interdependency.

Bar code Project Planning	**2 weeks**	**3 months**
Bar code Equipment Acquisition	**4 months**	**4 months**
Bar code System Development	**6 months**	**4 months**
Bar code Implementation	**3 months**	**3 months**

The project will take less time than anticipated, but planning is starting later since the registration process is being redesigned.

VI COST VS. BUDGET

	Category	Budgeted	Actual(Projected)	Expended	Projected Surplus
A.	Equipment	651,000	651,000	0	0
B.	Software	212,000	212,000	0	0
C.	Telecommunications	0	0	0	0
D.	Contract Services	0	0	0	0
E.	Other Costs	0	0	0	0

Total Project Cost 863,000

Unit Expanded

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

NO funds have been expended: funds will be expended once the vendors providing a thin client solution are on state contract.

LOUISIANA TECHNOLOGY INNOVATIONS FUND - PROGRESS REPORT

[3/1/99]

[Limit the length of the report to three pages]

I DEPARTMENT/AGENCY **Public Safety and Corrections**

II PROJECT TITLE **LA On-Line Insurance Reporting Systems (LOIRS)**

III PROJECT LEADER **Rexford L. McDonald, PUBLIC SAFETY & CORRECTIONS, P.O. Box 66614, Baton Rouge, Louisiana 70896 Phone: (504) 925-4017 Fax: (504) 925-4019 Email: RMCDONAL@DPS.STATE.LA.US**

IV DESCRIPTION OF THE PROJECT **The project makes available a method for electronic reporting of Insurance cancellation and new business by an insurance Company doing business in Louisiana.**

V PROJECT STATUS **See Attached**

VI COST VS. BUDGET

	Category	Budgeted	Actual	Projected Surplus
A.	Equipment	66,848	66,848	
B.	Software	32,040	32,040	
C.	Telecommunications	N/A		
D.	Professional/Contract Services			
E.	Other Costs			
	Total Project Cost	**98,888**	**98,888**	**-0-**

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

See attached.

V. Project Status

A. Brief Summary

Legislation was enacted and rules were promulgated that required all insurance companies doing business in Louisiana to begin filing all new business and cancellation with the Department of Public Safety through electronic media transfer as opposed to the older method of reporting via magnetic tape on or before January 1, 1999. This project required that sufficient computer hardware and software be provided to accomplish this reporting mechanism.

B. Accomplishments

A Dec Alpha 8000 server and the appropriate software was ordered and installed at the Department of Public Safety Data Center and was placed in operation in November 1998. A large majority of the insurance companies have now completed their migration to the electronic reporting method.

C. Problems Encountered

Some of the insurance companies had problems with the format of the transferred data but this was quickly resolved.

D. Major Milestone

The major milestone was to get the computer hardware and software ordered, installed, and ready for use before January 1, 1999. This deadline was met.

VI. ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD.

FUNDING CATEGORY	UNIT COST	QUANTITY	BUDGETED EXPENSE
Equipment			
Dec Alpha 8000 Server	$66,848	1	$66,848
Total Equipment			$66,848
Software			
Unix System Software	$32,040	1	$32,040
Total Software			$32,040
Telecommunications			
N/A			
Professional/Contract Services			
N/A			
Other Costs			
N/A			
			==========
Total			**$98,888**

ATTACHMENT II

LOUISIANA TECHNOLOGY INNOVATION FUND - PROGRESS REPORT

I DEPARTMENT/AGENCY

Louisiana State University and A&M College

II PROJECT TITLE

A Prototype High-Performance Computing System for the State of Louisiana

III PROJECT LEADER

Mr. Ronald D. Hay
Division of Computing Services
203D Computing Services Center
Phone: 225-388-3710
Fax: 225-388-3709
Internet: ronhay@lsu.edu

IV DESCRIPTION OF THE PROJECT

LSU requested $989,383 from the Technology Innovation Fund for the acquisition of computing hardware to establish a prototype high-performance computing system in support of numeric and/or data-intensive research, educational and governmental applications within the state of Louisiana. The objective is to demonstrate the viability of and the need for such a state-of-the-art tool in Louisiana. While creating a new and distinct service, the request leverages and builds on LSU=s current investment in hardware, software and people and utilizes standard OTM LaNet connectivity anticipating the future expansion to Asynchronous Transfer Mode (ATM) technology.

V PROJECT STATUS

1. Brief Summary
   Since the award, we have written specifications for the bid of the equipment outlined in the proposal. We are also prepared the site for the placement of the new equipment. Electrical power enhancements will be completed by February 26, 1999.

2. Accomplishments
   Site preparation will be completed by February 26, 1999.
   Equipment specifications have been completed and a bid issued.
   The following items are now out on a bid that is due to open March 3, 1999:

Qty.	Description
01	RS/6000 SP Frame Model 9076-550
01	SP Switch, Feature 4011
15	Switch Adapters2, Feature 4023
15	PCI SSA Disk Adapters, Feature 6215
15	ATM Turboways 155 PCI Adapters, Feature 2988

Louisiana State University, February 25, 1999.

15	9.1 GB Ultra SCSI Disk, Feature 2909
30	Memory Expansion, Feature 4098
60	Memory 256MB (2x128MB) DIMMS, Feature 4110
14	Power3 Thin Single Node, Feature 2052
01	Power3 Wide Single Node, Feature 2053
30	Power3 1-way Processor, Feature 4342
01	SSA Disk Subsystem, Feature 7133-D40
01	Power Supply, Feature 8022
01	Raven Black Drawer Cover, Feature 8031
16	18.2GB Advanced Disk Module, Feature 8218
04	10 Meter SSA Cable, Feature 8810

3. Problems Encountered/Action Taken or Planned
   None

4. Major Milestones (Original vs. Current Estimate)
   We are ahead of schedule on the site preparation, everything else is still on schedule. We expect a scheduled shipment of the hardware soon after the bid opens with delivery within the month of March.

VI COST VS. BUDGET

Category	Budgeted	Actual	Projected Surplus
1. Equipment	$959,599	$0	$0
We will not have cost information until the bid opens March 3, 1999.			
2. Software	$29,784	$0	$0
We won=t incur any software support cost until after the hardware installation.			
3. Telecommunications	$0	$0	$0
Telecommunications costs are not charged to this project.			
4. Prof./Contract Services	$0	$0	$0
Professional Services are not charged to this project.			
5. Other Costs	$0	$0	$0
None.			
	========	=========	==========
Total Project Cost	$989,383		

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING

LOUISIANA TECHNOLOGY INNOVATIONS FUND - PROGRESS REPORT

March 1st, 1999

I DEPARTMENT/AGENCY: Department of Wildlife and Fisheries

II PROJECT TITLE:
Department of Wildlife and Fisheries Web Site Multimedia Project

III PROJECT LEADER:

Lyle M. Soniat, Ph.D. , Administrator
LDWF Information & Education Division
P.O. Box 98000, Baton Rouge LA 70898-9000
Phone (225) 765-2916
e-mail soniat_lm@wlf.state.la.us

IV DESCRIPTION OF THE PROJECT:

This is a project intended to provide an interactive medium for the dissemination of wildlife education topics and information to users in Louisiana and other states. Streamed audio and video will deliver information to the public in the form of video news releases, radio show rebroadcasts, interviews, video tours and species profile videos. This service will greatly enhance the Agencies current system of information dissemination which involves static, non-interactive web pages, printed media and a weekly radio show. Use of the internet in this way has been demonstrated to dramatically increase audience figures while also cutting mailing costs. This project will also provide an internet chatroom which will be available to grade school students from their classrooms. This chatroom will host live discussions on topics such as wildlife conservation and species identification with biologists on hand to answer questions. In addition, the audio and video streams will include materials suitable for use in the classroom.

V PROJECT STATUS

A. The project is in the preliminary phase. Although the proposal had designated a start date of Dec. 1st, this proved to be overly optimistic because (1) the MOU was not completed as of Dec.1st, and (2) the proposed time schedule had not considered that an RFP would have to be written and issued for the Consulting Services Contract.

B. Accomplishments to date have been (1) the Project Leader formed an Implementation Team consisting of himself, Andrew Vaughan of the I&E Divison, who is the 'webmaster", and David Dousay of the IS Section, Office of Management and Finance, who is the technical advisor. (2) The RFP for Consulting Services was prepared by a team whose members are Vaughan, Jim Patton (Undersecretary), Al Brown, (IS Director) and Janice Sharkey (Contracts Administrator).

C. Only problem encountered thus far has been the procedural delay in getting started.

D. The proposal called for an implementation timetable beginning on December 1st, 1998. As described above, this start date was not met. Because of the lead times necessary to get the consulting work scheduled and because it is important that the first chatroom session be held during the school year, the new start date has been set for 4/1/99. The new timetable has also been changed to show five phases instead of four, and a six-month duration instead of four. During the development of the RFP it was determined that original Phase I, which involves heavy use of the consultant, could not be accomplished in one month as originally scheduled. The phase was divided, and the training/implementation schedule was extended to two months and has become Phase II, while the educational design part of the original Phase I remains as the new Phase I. The new schedule is as follows:

Phase I-A (1 month) to begin 4/1/99: Subjects for the first chatroom session will be determined and audio/video streams, photographs and press releases and features will be compiled.

Phase I-B (2 months) to begin 5/3/99: All training, installation of software and configuration of server and connections will be completed by the end of this phase.

Phase II (1 month) to begin 7/1/99: Encoding of audio and video will begin. By the end of this phase, weekly radio shows will be available to web site users. Material for chatroom sessions will continue to be compiled. Video streams will begin to accompany some news releases and features. More video streams will be added.

Phase III (1 month) to begin 8/1/99: An archive of all radio shows will be built in RealAudio streams and made available to web site users by the end of the phase. A prototype for the chatroom will be performed and a date will be set for the first operational chatroom session. Uploading of video streams, new releases, images and audio streams related to the first chatroom subject will begin. The date of the first chatroom will be advertised and recruitment of participants will begin.

Phase IV (1 month) to begin 9/1/99: Uploading of video streams, news releases, images and audio streams related to the first chatroom session will be completed. The first chatroom session will be held

VI COST VS. BUDGET

	Category	Budgeted	Actual	Projected Surplus
A.	Equipment	$10,380	$ none	none as yet
B.	Software	$ 7,973	$ none	none as yet
C.	Telecommunications	$27,000	$ none	none as yet
D.	Professional/ Contract Services	$22,057	$ none	none as yet
E.	Other Costs	$ none	$ none	not applicable
	Total Project Cost	**$67,410**	**$ none**	**$ none as yet**

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

No expenses or financial obligations were incurred during this reporting period.

LOUISIANA TECHNOLOGY INNOVATIONS FUND - PROGRESS REPORT

March 1, 1999

I DEPARTMENT/AGENCY

Louisiana State University - Eunice

II PROJECT TITLE

Extending the Campus Walls: Providing Anytime-Anywhere Access to Academic and Support Services to Improve Student Success and Satisfaction.

III PROJECT LEADER

Ron Wright
Louisiana State University - Eunice
P.O. Box 1129
Eunice, LA 70535
Voice: (318) 550-1342
Fax: (318) 546-6620
Email: rwright@lsue.edu

IV DESCRIPTION OF THE PROJECT

The goal of the project is to create a single integrated on-line environment that will provide the student with anytime-anywhere access to the following services:

- Web based access to student data and services.
- Complete access to on-line library resources
- The ability to communicate with all campus offices through the use advanced messaging technologies including voice, email, and group conferencing initiatives.
- The ability to access degree audit and advising information on-line through these same intuitive interfaces in an effort to increase student satisfaction in this area.

Access to these services will be made available via a combination of custom designed Kiosks as well as Internet ready workstations. The true innovation of this proposal is the integration of these services under a single, secure, user-friendly interface while exploiting the capabilities and availability of current campus technologies.

These on-line services will allow prospective students to perform tasks from researching available programs to applying for admissions and continue on through the financial aid process and actually registering for classes. This program will truly be extending the University to the student. LSUE seeks to provide a level of service to its area citizens that has not yet been experienced in this state and possibly only in a very few locations throughout the country.

V PROJECT STATUS

A. Brief Summary

Work on the project is proceeding nicely. While we have experienced the occasional unforeseen problem none have been out of the ordinary or insurmountable. Two members of the project team will be attending training on integration and customization of the admissions, registration, and faculty student web modules during the last week of March. The university is actively promoting the project throughout the campus as well as

the community. All of those involved are genuinely excited about the potential reach this Anytime-Anywhere project brings to the community.

B. Accomplishments

- All Server hardware has been received and installed.
- All software except for the Citrix Winframe package has been received and installation is underway.
- The CIS Web Applications have been licensed and training scheduled.
- Kiosk Hardware design has been selected and the RFP for their acquisition is in progress.
- Basic Interface prototyping is complete. The design has been well received by those involved.
- Initial assessments and modification specifications to allow the First Class Conferencing / email software to operate inside the kiosk interface has been completed.

C. Problems Encountered/Action Taken or Planned

- Server Hardware: Changes to the packages offered by Dell as well as the oboseletion of previous selected models caused variations in the cost originally specified in the Grant. The budget information given below shows that two of the servers appear to have come in under budget while the third was over. The telephony gateway which shows to be over budget was due to the introduction of a newer model and the discontinuing of the original presented in the proposal. Dell has also dropped the UPS (uninterruptable power supply) from all of their packages. These will have to be purchased separately and have not yet been ordered.

- Software: Changes in the licensing structure for the First Class Collaborative Classroom software have caused a considerable increase in its overall cost. This however will be offset be the extensive savings realized in the purchased of the CARS web applications. This large savings was due to a special promotion currently in progress.

- Kiosk Units: While we had hoped to begin the bidding procedures for these unit by early February delays in identifying a suitable cabinet design coupled with an extended leave of absence by our purchasing agent due to illness has put us slightly behind. We do not see this as a setback to the overall implementation of the project. The RFP for these units should go out within the next 5 to 10 days.

- Before using cost savings to cover extra expenses incurred approval was requested from Ms. Renea Austin. Approval was granted under the condition that funds were spent only on items contained within the original proposal.

D. Major Milestones (Original vs. Current Estimate)

- All server hardware and software requiring customizations has been ordered and received. Installation and customization is underway.
- Training for the CIS Web Applications has been scheduled.
- The design of the physical Kiosk cabinet has been selected.

VI COST VS. BUDGET

	Category	Budgeted	Actual	Projected Surplus
A.	**Equipment**	116,547.00	25,210.00	None at this time
B.	**Software**	57,075.00	44,676.00	To be determined
C.	**Telecommunications**	2,800.00	Not Yet Done	None
D.	**Professional/Contract Services**	N/A	N/A	N/A
E.	**Other Costs**	N/A	N/A	N/A

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Total Project Cost	176,422	69,289	Not yet None

- Grant purchases have not yet been completed. Therefore, an accurate comparison of totals cannot yet be made. The Detailed Expenditures below provide a clearer picture of current purchases.

VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

Item	Quantity	Unit Price	**Total**
Equipment			
First Class Internet Classroom Server. Dell PowerEdge 4300 with dual Pentium II 450Mhz Processors, 256MB Ram, 13.5GB RAID 0 Storage, DDS Tape Backup, 100MB NIC, UPS Dell Computers - LSUE PO #R605436	1	$ 9,811.00	$ 9,811.00
Citrix Winframe Server. Dell PowerEdge 4300 with dual Pentium II 450Mhz Processors, 512MB Ram, 4GB RAID 0 Storage, DDS Tape Backup, 100MB NIC, UPS Dell Computers - LSUE PO #R605436	1	$ 9,171.00	$ 9,171.00
Vocaltec IP / Telephony Gateway Server. Dell PowerEdge 2300 with Pentium II 333Mhz Processors, 128MB Ram, 4GB RAID 0 Storage, DDS Tape Backup, 100MB NIC, UPS Dell Computers - LSUE PO #R605436	1	$ 5,138.00	$ 5,138.00
Dialogic D/21H DSP Board for Vocaltec IP / Telephony Gateway	2	$ 545.00	$ 1,090.00
Telecommunications			
None in this category for this period			
Software			
CIS Edvanta Web Registration Module	1	$ 15,000.00	$ 15,000.00
CIS Edvanta Web Admissions Module	1	$ 4,500.00	$ 4,500.00
CIS Edvanta Web Faculty/Student Module	1	$ 12,000.00	$ 12,000.00
First Class Internet Classroom Server Software	1	$ 9,099.00	$ 9,099.00
Vocaltec IP / Telephony Gateway Software	1	$ 4,080.00	$ 4,080.00
Total Expenditures Through March 1, 1999			$ 69,889.00